



SmartWay

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SmartWay



- Components
- The SmartWaySM Transport Partnership
 - Goals
 - Benefits
 - Growing the partnership

The Components of SmartWay

- National Idle-Free Corridors
- Technology Evaluation and Verification
- The SmartWaySM Transport Partnership

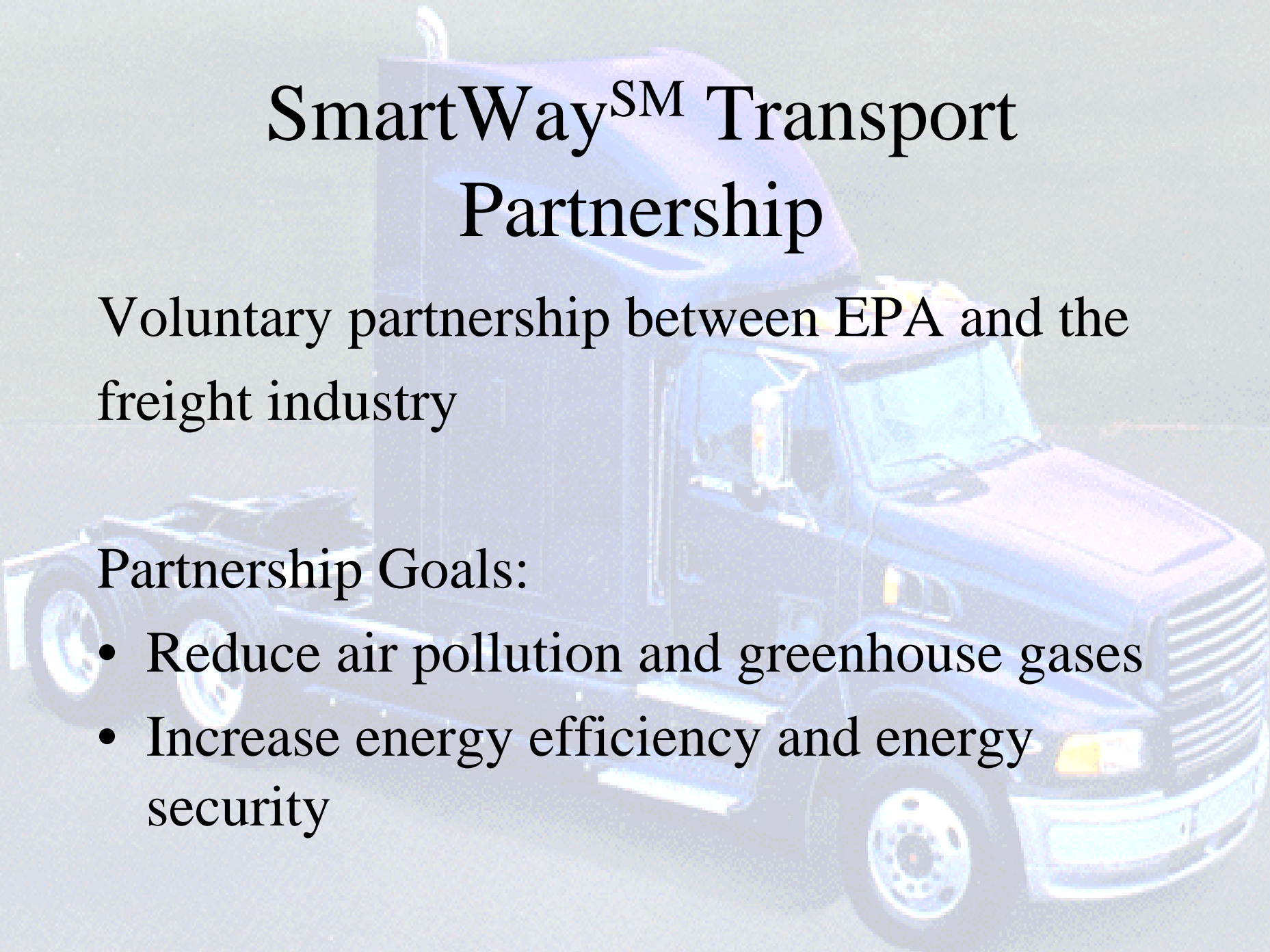


SmartWaySM Transport Partnership

Voluntary partnership between EPA and the freight industry

Partnership Goals:

- Reduce air pollution and greenhouse gases
- Increase energy efficiency and energy security



SmartWaySM Transport Partnership



Emission Reduction Goal:

- 33 to 66 million metric tons CO₂ annually
- 200,000 tons NO_x annually, plus PM and air toxics benefits

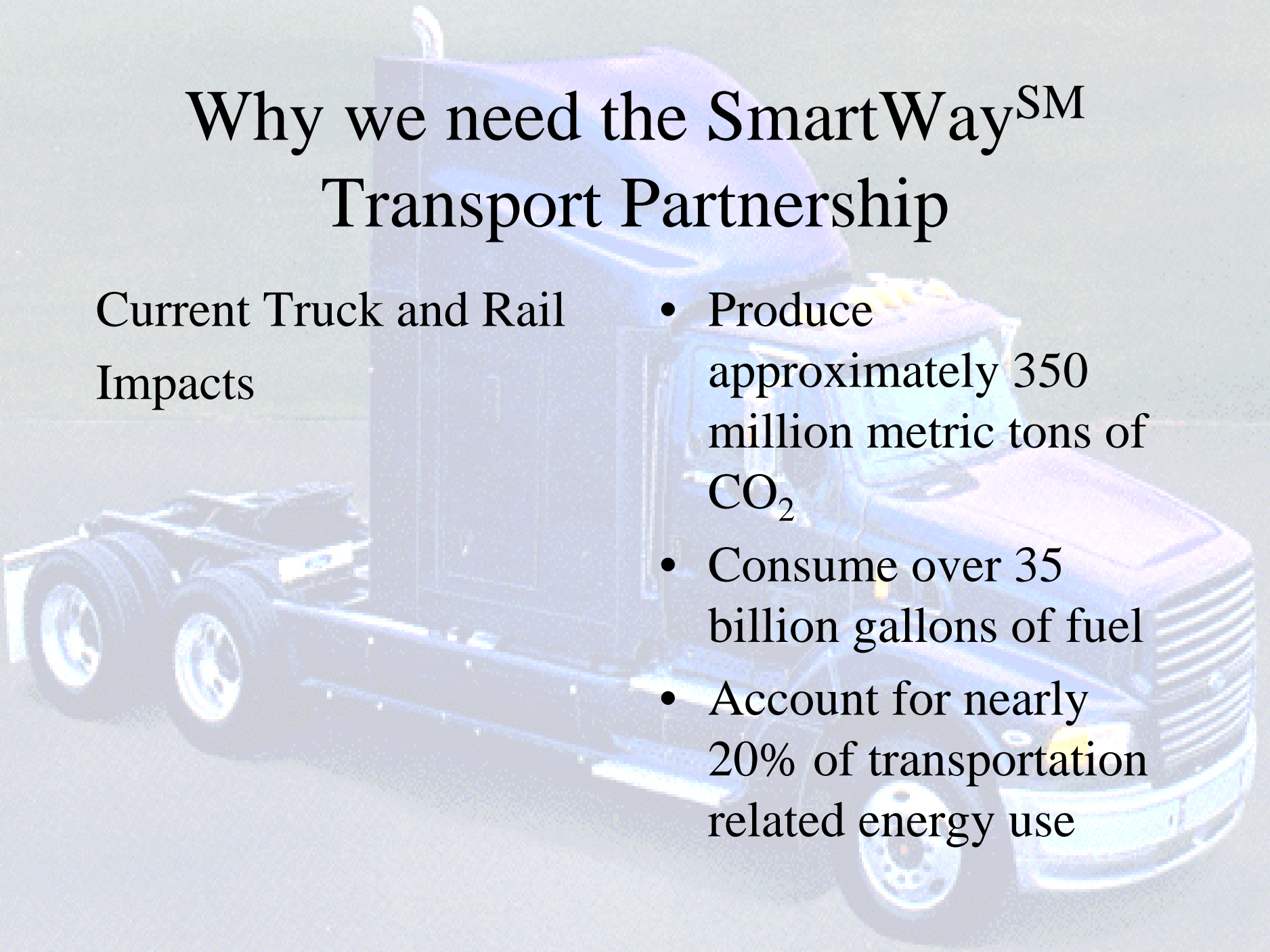
Fuel Reduction Goal:

- 150 million barrels of oil each year

Why we need the SmartWaySM Transport Partnership

Current Truck and Rail Impacts

- Produce approximately 350 million metric tons of CO₂
- Consume over 35 billion gallons of fuel
- Account for nearly 20% of transportation related energy use



Why we need the SmartWaySM Transport Partnership

Future Impacts

- Growing economy
- Increasing internet sales
- Faster delivery schedules



The benefits of the SmartWaySM Transport Partnership

- Shippers
- Carriers
- State and Local Agencies
- The community



Benefits for Shippers and Carriers



- National Recognition and Promotional Opportunities
- Quantified Environmental Improvements
- Cost Savings
- Networking Opportunities
- Recognition for Your Existing Environmental Improvements
- Tools and Technical Support

Benefits for State and Local Agencies

- Emission reduction credits
 - State Implementation Plans
 - Transportation Conformity
- Help attain NAAQS



Benefits for the Community

- Environmental and Health Benefits
- Noise Reduction
- Increased Energy Security





Growing the SmartWaySM Transport Partnership

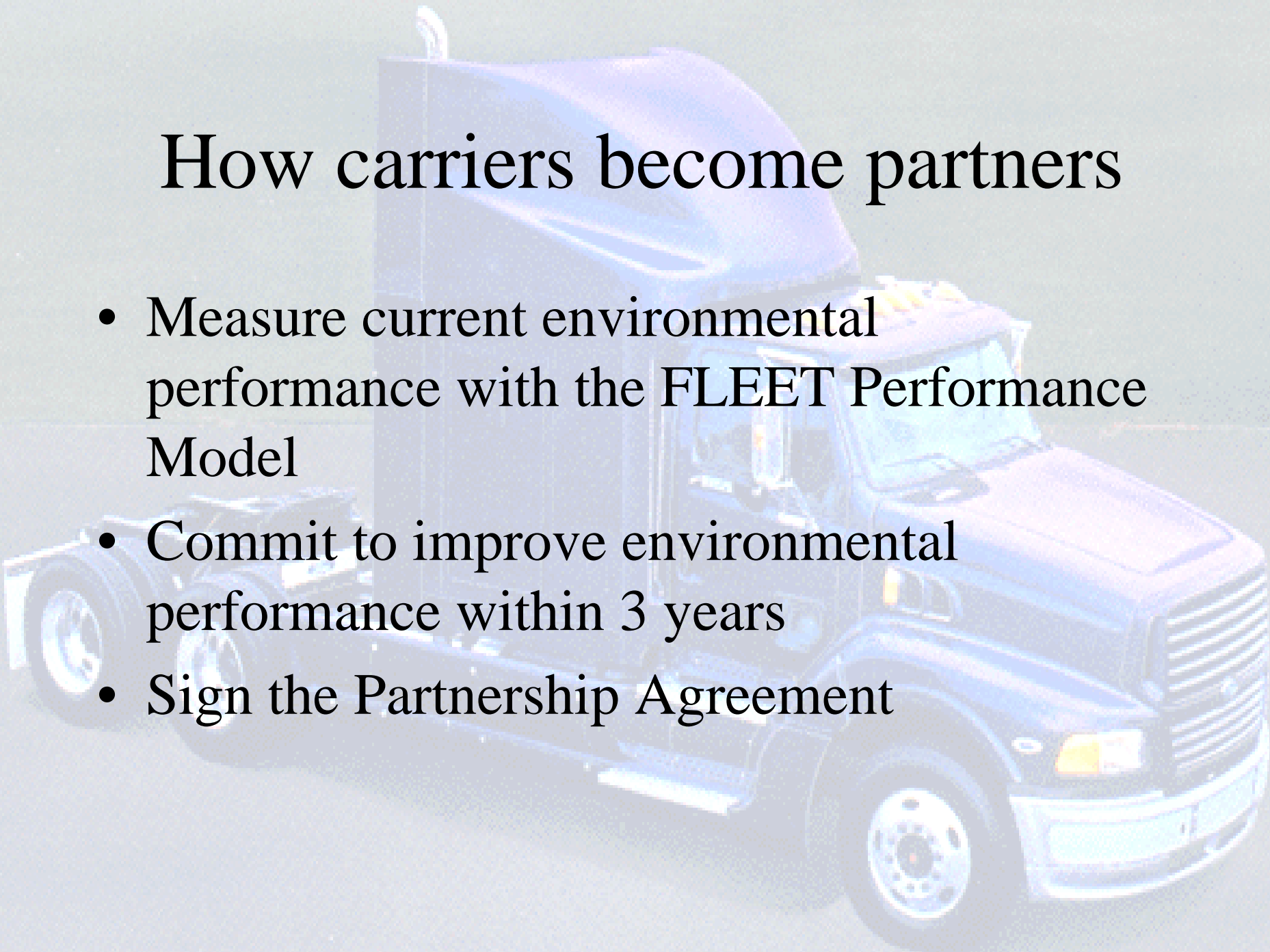
How shippers become partners

- Commit to ship over 50% of their goods with SmartWaySM Transport Partner carriers within 3 years
- Assess and Commit to improve their environmental performance within 3 years:
- Sign the Partnership Agreement



How carriers become partners

- Measure current environmental performance with the FLEET Performance Model
- Commit to improve environmental performance within 3 years
- Sign the Partnership Agreement



The SmartWaySM Transport Partnership Logo

- Shipper partners can use the logo when:
They are shipping 50% of their goods with SmartWaySM Transport Partner carriers
- Carrier partners can use the logo when:
They demonstrate superior environmental performance:
 - Achieve a 40% CO₂ efficiency rating
 - OR
 - Demonstrate at least a 25% CO₂ efficiency rating AND set and achieve an aggressive improvement goal

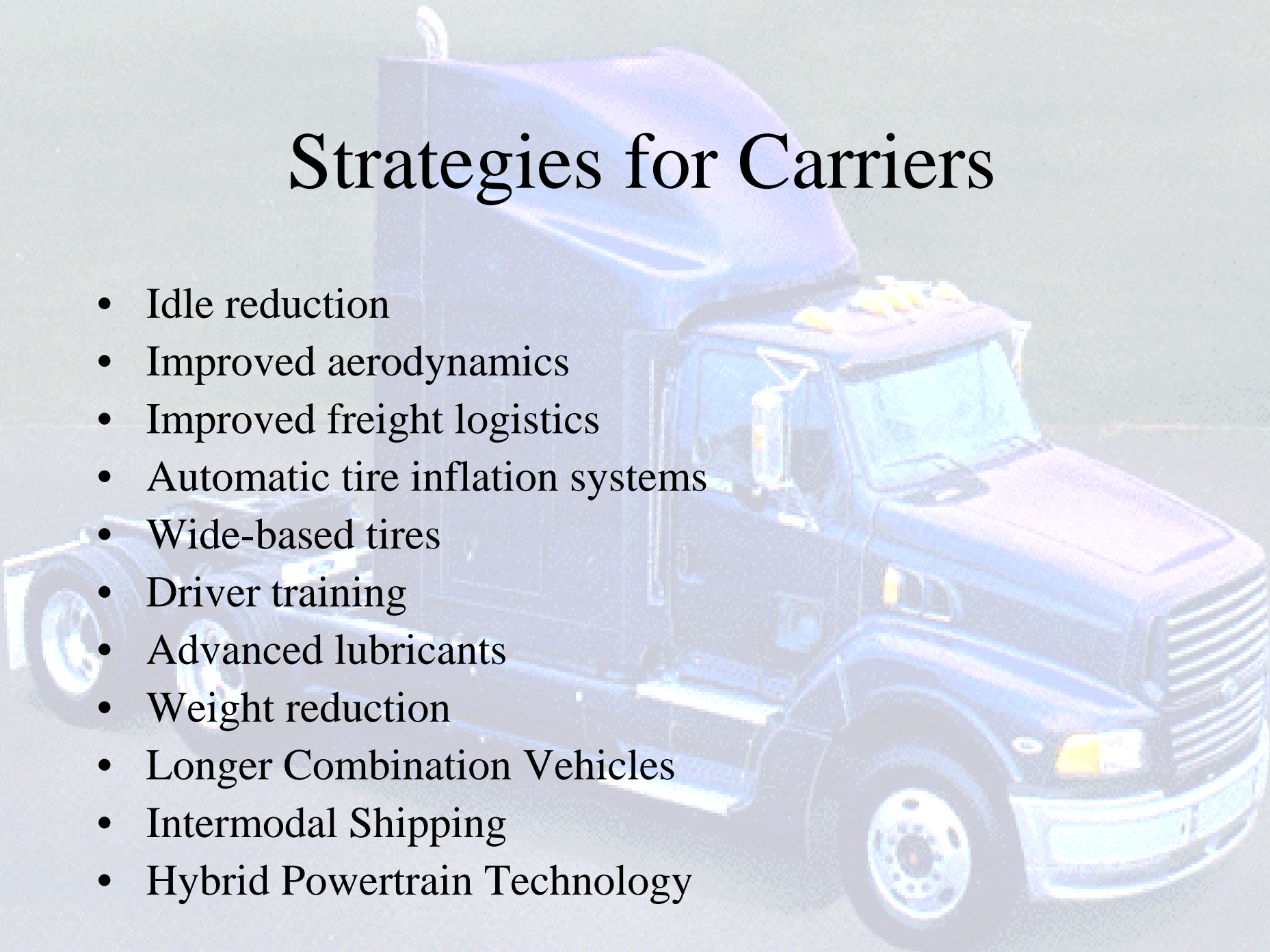
Strategies for Shippers

- Intermodal shipping
- Preferential docking
- Driver comfort stations
- Electric forklifts
- Idle-reduction at docks
- Pick-up and delivery scheduling
- Full truck loads
- Light fleet improvements
- Warehouse improvements



Strategies for Carriers

- Idle reduction
- Improved aerodynamics
- Improved freight logistics
- Automatic tire inflation systems
- Wide-based tires
- Driver training
- Advanced lubricants
- Weight reduction
- Longer Combination Vehicles
- Intermodal Shipping
- Hybrid Powertrain Technology



Available Technologies



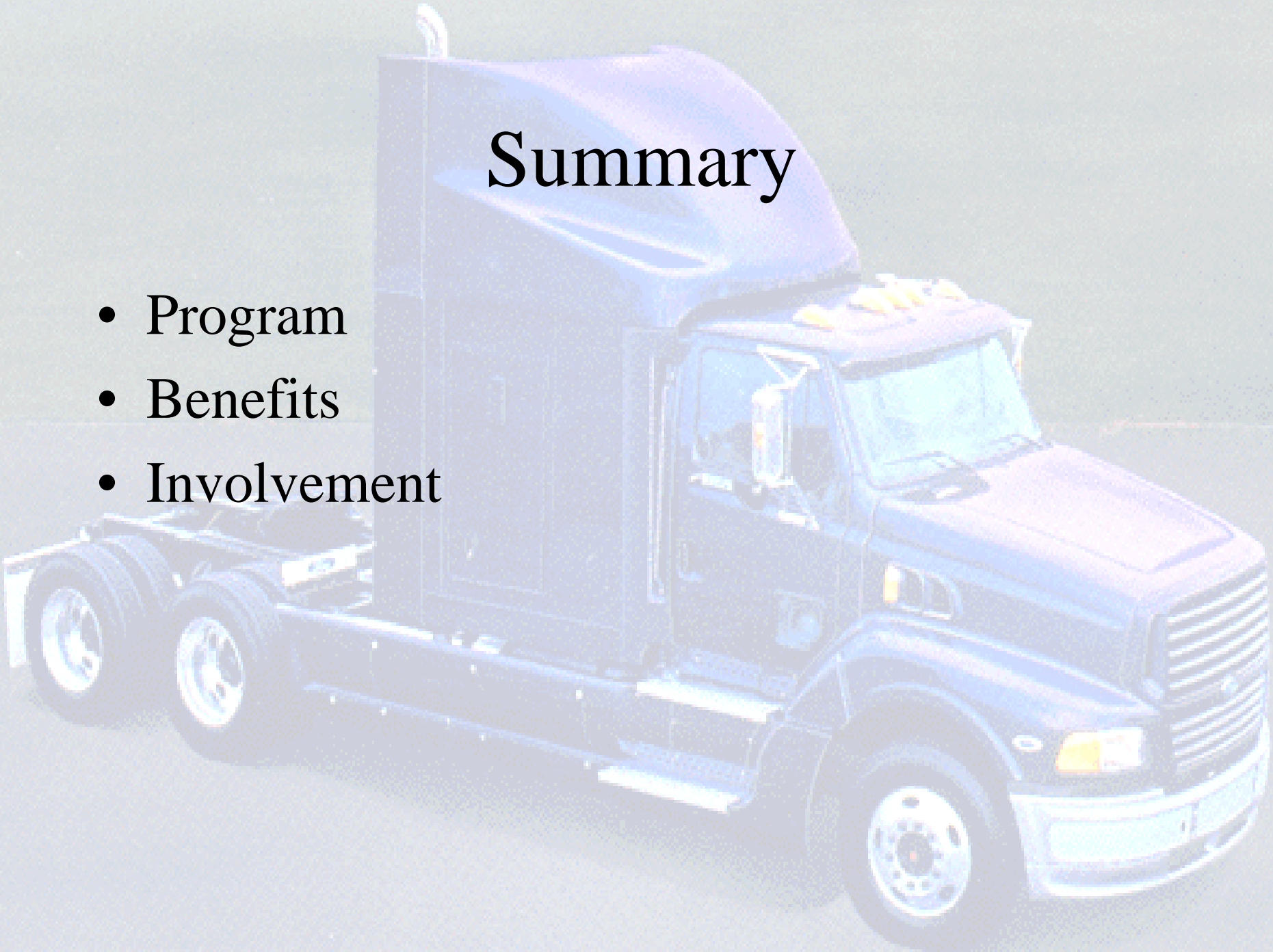
How you can help

- Become better acquainted with SmartWay
- Inform others about SmartWay
- Use registered SmartWaySM transportation partners for your shipping needs



Summary

- Program
- Benefits
- Involvement



Questions?



For More Info

- Visit the SmartWay web-site
<http://www.epa.gov/otaq/smartway>
- Contact the Region 2 SmartWay lead
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